

May 21, 2021

Lawrence Quick
City of Robinson WWTF
P.O. Box 188
Robinson, IL 62454
TEL: (618) 544-8110
FAX:



Illinois	100226
Kansas	E-10374
Louisiana	05002
Louisiana	05003
Oklahoma	9978

RE: Semi-Annual Priority Pollutant Parameters

WorkOrder: 21050564

Dear Lawrence Quick:

TEKLAB, INC received 5 samples on 5/10/2021 2:48:00 PM for the analysis presented in the following report.

Samples are analyzed on an as received basis unless otherwise requested and documented. The sample results contained in this report relate only to the requested analytes of interest as directed on the chain of custody. NELAP accredited fields of testing are indicated by the letters NELAP under the Certification column. Unless otherwise documented within this report, Teklab Inc. analyzes samples utilizing the most current methods in compliance with 40CFR. All tests are performed in the Collinsville, IL laboratory unless otherwise noted in the Case Narrative.

All quality control criteria applicable to the test methods employed for this project have been satisfactorily met and are in accordance with NELAP except where noted. The following report shall not be reproduced, except in full, without the written approval of Teklab, Inc.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,



Marvin L. Darling
Project Manager
(618)344-1004 ex 41
mdarling@teklabinc.com

Client: City of Robinson WWTF

Work Order: 21050564

Client Project: Semi-Annual Priority Pollutant Parameters

Report Date: 21-May-21

This reporting package includes the following:

Cover Letter	1
Report Contents	2
Definitions	3
Case Narrative	5
Accreditations	6
Laboratory Results	7
Receiving Check List	18
Chain of Custody	Appended

Definitions

<http://www.teklabinc.com/>

Client: City of Robinson WWTF

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Report Date: 21-May-21

Abbr Definition

* Analytes on report marked with an asterisk are not NELAP accredited

CCV Continuing calibration verification is a check of a standard to determine the state of calibration of an instrument between recalibration.

CRQL A Client Requested Quantitation Limit is a reporting limit that varies according to customer request. The CRQL may not be less than the MDL.

DF Dilution factor is the dilution performed during analysis only and does not take into account any dilutions made during sample preparation. The reported result is final and includes all dilution factors.

DNI Did not ignite

DUP Laboratory duplicate is a replicate aliquot prepared under the same laboratory conditions and independently analyzed to obtain a measure of precision.

ICV Initial calibration verification is a check of a standard to determine the state of calibration of an instrument before sample analysis is initiated.

IDPH IL Dept. of Public Health

LCS Laboratory control sample is a sample matrix, free from the analytes of interest,spiked with verified known amounts of analytes and analyzed exactly like a sample to establish intra-laboratory or analyst specific precision and bias or to assess the performance of all or a portion of the measurement system.

LCSD Laboratory control sample duplicate is a replicate laboratory control sample that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).

MBLK Method blank is a sample of a matrix similar to the batch of associated sample (when available) that is free from the analytes of interest and is processed simultaneously with and under the same conditions as samples through all steps of the analytical procedures, and in which no target analytes or interferences should present at concentrations that impact the analytical results for sample analyses.

MDL "The method detection limit is defined as the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results."

MS Matrix spike is an aliquot of matrix fortified (spiked) with known quantities of specific analytes that is subjected to the entire analytical procedures in order to determine the effect of the matrix on an approved test method's recovery system. The acceptable recovery range is listed in the QC Package (provided upon request).

MSD Matrix spike duplicate means a replicate matrix spike that is prepared and analyzed in order to determine the precision of the approved test method. The acceptable recovery range is listed in the QC Package (provided upon request).

MW Molecular weight

NC Data is not acceptable for compliance purposes

ND Not Detected at the Reporting Limit

NELAP NELAP Accredited

PQL Practical quantitation limit means the lowest level that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operation conditions.

RL The reporting limit the lowest level that the data is displayed in the final report. The reporting limit may vary according to customer request or sample dilution. The reporting limit may not be less than the MDL.

RPD Relative percent difference is a calculated difference between two recoveries (ie. MS/MSD). The acceptable recovery limit is listed in the QC Package (provided upon request).

SPK The spike is a known mass of target analyte added to a blank sample or sub-sample; used to determine recovery deficiency or for other quality control purposes.

Surr Surrogates are compounds which are similar to the analytes of interest in chemical composition and behavior in the analytical process, but which are not normally found in environmental samples.

TIC Tentatively identified compound: Analytes tentatively identified in the sample by using a library search. Only results not in the calibration standard will be reported as tentatively identified compounds. Results for tentatively identified compounds that are not present in the calibration standard, but are assigned a specific chemical name based upon the library search, are calculated using total peak areas from reconstructed ion chromatograms and a response factor of one. The nearest Internal Standard is used for the calculation. The results of any TICs must be considered estimated, and are flagged with a "T". If the estimated result is above the calibration range it is flagged "ET"

TNTC Too numerous to count (> 200 CFU)

Definitions

<http://www.teklabinc.com/>

Client: City of Robinson WWTF

Work Order: 21050564

Client Project: Semi-Annual Priority Pollutant Parameters

Report Date: 21-May-21

Qualifiers

- | | |
|---|--|
| # - Unknown hydrocarbon | B - Analyte detected in associated Method Blank |
| C - RL shown is a Client Requested Quantitation Limit | E - Value above quantitation range |
| H - Holding times exceeded | I - Associated internal standard was outside method criteria |
| J - Analyte detected below quantitation limits | M - Manual Integration used to determine area response |
| ND - Not Detected at the Reporting Limit | R - RPD outside accepted recovery limits |
| S - Spike Recovery outside recovery limits | T - TIC(Tentatively identified compound) |
| X - Value exceeds Maximum Contaminant Level | |



Case Narrative

<http://www.teklabinc.com/>

Client: City of Robinson WWTF

Work Order: 21050564

Client Project: Semi-Annual Priority Pollutant Parameters

Report Date: 21-May-21

Cooler Receipt Temp: 7.4 °C

Locations

Collinsville	
Address	5445 Horseshoe Lake Road Collinsville, IL 62234-7425
Phone	(618) 344-1004
Fax	(618) 344-1005
Email	jhriley@teklabinc.com

Collinsville Air	
Address	5445 Horseshoe Lake Road Collinsville, IL 62234-7425
Phone	(618) 344-1004
Fax	(618) 344-1005
Email	EHurley@teklabinc.com

Springfield	
Address	3920 Pintail Dr Springfield, IL 62711-9415
Phone	(217) 698-1004
Fax	(217) 698-1005
Email	KKlostermann@teklabinc.com

Chicago	
Address	1319 Butterfield Rd. Downers Grove, IL 60515
Phone	(630) 324-6855
Fax	
Email	arenner@teklabinc.com

Kansas City	
Address	8421 Nieman Road Lenexa, KS 66214
Phone	(913) 541-1998
Fax	(913) 541-1998
Email	jhriley@teklabinc.com

Client: City of Robinson WWTF

Work Order: 21050564

Client Project: Semi-Annual Priority Pollutant Parameters

Report Date: 21-May-21

State	Dept	Cert #	NELAP	Exp Date	Lab
Illinois	IIEPA	100226	NELAP	1/31/2022	Collinsville
Kansas	KDHE	E-10374	NELAP	4/30/2022	Collinsville
Louisiana	LDEQ	05002	NELAP	6/30/2021	Collinsville
Louisiana	LDEQ	05003	NELAP	6/30/2021	Collinsville
Oklahoma	ODEQ	9978	NELAP	8/31/2021	Collinsville
Arkansas	ADEQ	88-0966		3/14/2022	Collinsville
Illinois	IDPH	17584		5/31/2021	Collinsville
Kentucky	UST	0073		1/31/2022	Collinsville
Missouri	MDNR	00930		5/31/2021	Collinsville
Missouri	MDNR	930		1/31/2022	Collinsville

Client: City of Robinson WWTF

Work Order: 21050564

Client Project: Semi-Annual Priority Pollutant Parameters

Report Date: 21-May-21

Lab ID: 21050564-001

Client Sample ID: Influent Composite

Matrix: WASTE WATER

Collection Date: 05/10/2021 10:35

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
STANDARD METHODS 4500-F C (TOTAL) 1997, 2011								
Fluoride	NELAP	0.10		0.41	mg/L	1	05/13/2021 16:04	R291095
EPA 600 245.1 R3.0 (TOTAL)								
Mercury	NELAP	0.00020		< 0.00020	mg/L	1	05/17/2021 9:30	176938
EPA 600 4.1.1, 200.7R4.4, METALS BY ICP (DISSOLVED)								
Iron	NELAP	0.0400		0.161	mg/L	1	05/18/2021 15:32	176920
EPA 600 4.1.4, 200.7R4.4, METALS BY ICP (TOTAL)								
Antimony	NELAP	0.0500		< 0.0500	mg/L	1	05/17/2021 14:27	176936
Arsenic	NELAP	0.0250		< 0.0250	mg/L	1	05/17/2021 14:27	176936
Barium	NELAP	0.0025		0.0542	mg/L	1	05/17/2021 14:27	176936
Beryllium	NELAP	0.0005		< 0.0005	mg/L	1	05/17/2021 14:27	176936
Cadmium	NELAP	0.0010		< 0.0010	mg/L	1	05/17/2021 14:27	176936
Chromium	NELAP	0.0050		< 0.0050	mg/L	1	05/17/2021 14:27	176936
Copper	NELAP	0.0050		0.0447	mg/L	1	05/17/2021 14:27	176936
Iron	NELAP	0.0400		0.809	mg/L	1	05/17/2021 14:27	176936
Lead	NELAP	0.0150		< 0.0150	mg/L	1	05/17/2021 14:27	176936
Manganese	NELAP	0.0070		0.121	mg/L	1	05/17/2021 14:27	176936
Nickel	NELAP	0.0050		< 0.0050	mg/L	1	05/17/2021 14:27	176936
Silver	NELAP	0.0030		< 0.0030	mg/L	1	05/17/2021 14:27	176936
Thallium	NELAP	0.0500		< 0.0500	mg/L	1	05/17/2021 14:27	176936
Zinc	NELAP	0.0100		0.0783	mg/L	1	05/17/2021 14:27	176936
Contamination present in the CCB for Be. Sample results below the reporting limit are reportable per the TNI Standard.								
EPA 600 4.1.4, 200.8 R5.4, METALS BY ICPMS (TOTAL)								
Selenium	NELAP	0.0010		0.0013	mg/L	5	05/19/2021 15:50	176937
EPA 600 608.3, CHLORINATED PESTICIDES & PCBS BY GC/ECD								
4,4'-DDD	NELAP	0.026		ND	µg/L	1	05/13/2021 20:41	176852
4,4'-DDE	NELAP	0.009		ND	µg/L	1	05/13/2021 20:41	176852
4,4'-DDT	NELAP	0.028		ND	µg/L	1	05/13/2021 20:41	176852
Aldrin	NELAP	0.009		ND	µg/L	1	05/13/2021 20:41	176852
alpha-BHC	NELAP	0.007		0.008	µg/L	1	05/17/2021 12:25	176852
Aroclor 1016	NELAP	0.075		ND	µg/L	1	05/14/2021 2:18	176852
Aroclor 1221	NELAP	0.075		ND	µg/L	1	05/14/2021 2:18	176852
Aroclor 1232	NELAP	0.075		ND	µg/L	1	05/14/2021 2:18	176852
Aroclor 1242	NELAP	0.075		ND	µg/L	1	05/14/2021 2:18	176852
Aroclor 1248	NELAP	0.075		ND	µg/L	1	05/14/2021 2:18	176852
Aroclor 1254	NELAP	0.075		ND	µg/L	1	05/14/2021 2:18	176852
Aroclor 1260	NELAP	0.075		ND	µg/L	1	05/14/2021 2:18	176852
beta-BHC	NELAP	0.014		ND	µg/L	1	05/13/2021 20:41	176852
delta-BHC	NELAP	0.021		ND	µg/L	1	05/13/2021 20:41	176852
Dieldrin	NELAP	0.005		0.011	µg/L	1	05/17/2021 12:25	176852
Endosulfan I	NELAP	0.033		ND	µg/L	1	05/13/2021 20:41	176852
Endosulfan II	NELAP	0.009		ND	µg/L	1	05/13/2021 20:41	176852
Endosulfan sulfate	NELAP	0.156		ND	µg/L	1	05/13/2021 20:41	176852
Endrin	NELAP	0.014		ND	µg/L	1	05/13/2021 20:41	176852
Endrin aldehyde	NELAP	0.055		ND	µg/L	1	05/13/2021 20:41	176852
gamma-BHC (Lindane)	NELAP	0.009		ND	µg/L	1	05/13/2021 20:41	176852
Heptachlor	NELAP	0.007		ND	µg/L	1	05/13/2021 20:41	176852

Laboratory Results

<http://www.teklabinc.com/>

Client: City of Robinson WWTF

Work Order: 21050564

Client Project: Semi-Annual Priority Pollutant Parameters

Report Date: 21-May-21

Lab ID: 21050564-001

Client Sample ID: Influent Composite

Matrix: WASTE WATER

Collection Date: 05/10/2021 10:35

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
EPA 600 608.3, CHLORINATED PESTICIDES & PCBs BY GC/ECD								
Heptachlor epoxide	NELAP	0.196		ND	µg/L	1	05/13/2021 20:41	176852
Toxaphene	NELAP	0.567		ND	µg/L	1	05/13/2021 20:41	176852
Chlordane	NELAP	0.066		ND	µg/L	1	05/13/2021 20:41	176852
Surr: Decachlorobiphenyl	*	5.54-150		22.5	%REC	1	05/14/2021 2:18	176852
Surr: Decachlorobiphenyl	*	5.54-150		22.5	%REC	1	05/13/2021 20:41	176852
Surr: Tetrachloro-m-xylene	*	13-129		56.4	%REC	1	05/13/2021 20:41	176852
Surr: Tetrachloro-m-xylene	*	13-129		34.3	%REC	1	05/14/2021 2:18	176852
EPA 600 625.1 (MODIFIED), SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
1,2,4-Trichlorobenzene	NELAP	0.057		ND	mg/L	10	05/14/2021 21:04	176928
2,4,6-Trichlorophenol	NELAP	0.081		ND	mg/L	10	05/14/2021 21:04	176928
2,4-Dichlorophenol	NELAP	0.081		ND	mg/L	10	05/14/2021 21:04	176928
2,4-Dimethylphenol	NELAP	0.081		ND	mg/L	10	05/14/2021 21:04	176928
2,4-Dinitrophenol	NELAP	1.26		ND	mg/L	10	05/14/2021 21:04	176928
2,4-Dinitrotoluene	NELAP	0.171		ND	mg/L	10	05/14/2021 21:04	176928
2,6-Dinitrotoluene	NELAP	0.057		ND	mg/L	10	05/14/2021 21:04	176928
2-Chloronaphthalene	NELAP	0.057		ND	mg/L	10	05/14/2021 21:04	176928
2-Chlorophenol	NELAP	0.099		ND	mg/L	10	05/14/2021 21:04	176928
2-Nitrophenol	NELAP	0.108		ND	mg/L	10	05/14/2021 21:04	176928
3,3'-Dichlorobenzidine	NELAP	0.495		ND	mg/L	10	05/14/2021 21:04	176928
4,6-Dinitro-2-methylphenol	NELAP	0.720		ND	mg/L	10	05/14/2021 21:04	176928
4-Bromophenyl phenyl ether	NELAP	0.057		ND	mg/L	10	05/14/2021 21:04	176928
4-Chloro-3-methylphenol	NELAP	0.090		ND	mg/L	10	05/14/2021 21:04	176928
4-Chlorophenyl phenyl ether	NELAP	0.126		ND	mg/L	10	05/14/2021 21:04	176928
4-Nitrophenol	NELAP	0.072		ND	mg/L	10	05/14/2021 21:04	176928
Acenaphthene	NELAP	0.057		ND	mg/L	10	05/14/2021 21:04	176928
Acenaphthylene	NELAP	0.105		ND	mg/L	10	05/14/2021 21:04	176928
Anthracene	NELAP	0.057		ND	mg/L	10	05/14/2021 21:04	176928
Benzidine	NELAP	0.400		ND	mg/L	10	05/14/2021 21:04	176928
Benzo(a)anthracene	NELAP	0.234		ND	mg/L	10	05/14/2021 21:04	176928
Benzo(a)pyrene	NELAP	0.075		ND	mg/L	10	05/14/2021 21:04	176928
Benzo(b)fluoranthene	NELAP	0.144		ND	mg/L	10	05/14/2021 21:04	176928
Benzo(g,h,i)perylene	NELAP	0.123		ND	mg/L	10	05/14/2021 21:04	176928
Benzo(k)fluoranthene	NELAP	0.075		ND	mg/L	10	05/14/2021 21:04	176928
Bis(2-chloroethoxy)methane	NELAP	0.159		ND	mg/L	10	05/14/2021 21:04	176928
Bis(2-chloroethyl)ether	NELAP	0.171		ND	mg/L	10	05/14/2021 21:04	176928
Bis(2-chloroisopropyl)ether	NELAP	0.171		ND	mg/L	10	05/14/2021 21:04	176928
Bis(2-ethylhexyl)phthalate	NELAP	0.075		ND	mg/L	10	05/14/2021 21:04	176928
Butyl benzyl phthalate	NELAP	0.075		ND	mg/L	10	05/14/2021 21:04	176928
Chrysene	NELAP	0.075		ND	mg/L	10	05/14/2021 21:04	176928
Dibenzo(a,h)anthracene	NELAP	0.075		ND	mg/L	10	05/14/2021 21:04	176928
Diethyl phthalate	NELAP	0.057		ND	mg/L	10	05/14/2021 21:04	176928
Dimethyl phthalate	NELAP	0.048		ND	mg/L	10	05/14/2021 21:04	176928
Di-n-butyl phthalate	NELAP	0.075		ND	mg/L	10	05/14/2021 21:04	176928
Di-n-octyl phthalate	NELAP	0.075		ND	mg/L	10	05/14/2021 21:04	176928
Fluoranthene	NELAP	0.066		ND	mg/L	10	05/14/2021 21:04	176928
Fluorene	NELAP	0.057		ND	mg/L	10	05/14/2021 21:04	176928
Hexachlorobenzene	NELAP	0.057		ND	mg/L	10	05/14/2021 21:04	176928

Laboratory Results

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Client: City of Robinson WWTF

Work Order: 21050564

Client Project: Semi-Annual Priority Pollutant Parameters

Report Date: 21-May-21

Lab ID: 21050564-001

Client Sample ID: Influent Composite

Matrix: WASTE WATER

Collection Date: 05/10/2021 10:35

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
EPA 600 625.1 (MODIFIED), SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Hexachlorobutadiene	NELAP	0.027		ND	mg/L	10	05/14/2021 21:04	176928
Hexachlorocyclopentadiene	NELAP	0.200		ND	mg/L	10	05/14/2021 21:04	176928
Hexachloroethane	NELAP	0.048		ND	mg/L	10	05/14/2021 21:04	176928
Indeno(1,2,3-cd)pyrene	NELAP	0.111		ND	mg/L	10	05/14/2021 21:04	176928
Isophorone	NELAP	0.066		ND	mg/L	10	05/14/2021 21:04	176928
Naphthalene	NELAP	0.048		ND	mg/L	10	05/14/2021 21:04	176928
Nitrobenzene	NELAP	0.057		ND	mg/L	10	05/14/2021 21:04	176928
N-Nitrosodimethylamine	NELAP	0.200		ND	mg/L	10	05/14/2021 21:04	176928
N-Nitroso-di-n-propylamine	NELAP	0.100		ND	mg/L	10	05/14/2021 21:04	176928
N-Nitrosodiphenylamine	NELAP	0.100		ND	mg/L	10	05/14/2021 21:04	176928
Pentachlorophenol	NELAP	0.108		ND	mg/L	10	05/14/2021 21:04	176928
Phenanthrene	NELAP	0.162		ND	mg/L	10	05/14/2021 21:04	176928
Phenol	NELAP	0.045		ND	mg/L	10	05/14/2021 21:04	176928
Pyrene	NELAP	0.057		ND	mg/L	10	05/14/2021 21:04	176928
1,2-Diphenylhydrazine	*	0.100		ND	mg/L	10	05/14/2021 21:04	176928
Surr: 2,4,6-Tribromophenol	*	28.4-122		99.4	%REC	10	05/14/2021 21:04	176928
Surr: 2-Fluorobiphenyl	*	36.3-102		77.6	%REC	10	05/14/2021 21:04	176928
Surr: 2-Fluorophenol	*	12.3-72.5		43.5	%REC	10	05/14/2021 21:04	176928
Surr: Nitrobenzene-d5	*	15-314		65.4	%REC	10	05/14/2021 21:04	176928
Surr: Phenol-d5	*	8-424		33.7	%REC	10	05/14/2021 21:04	176928
Surr: p-Terphenyl-d14	*	10-112		69.8	%REC	10	05/14/2021 21:04	176928
Elevated reporting limit due to sample extract composition.								
EPA 600 624.1 (MODIFIED), VOLATILE ORGANIC COMPOUNDS BY GC/MS								
1,1,1-Trichloroethane	NELAP	2.0		ND	µg/L	1	05/11/2021 22:40	176840
1,1,2,2-Tetrachloroethane	NELAP	2.0		ND	µg/L	1	05/11/2021 22:40	176840
1,1,2-Trichloroethane	NELAP	0.5		ND	µg/L	1	05/11/2021 22:40	176840
1,1-Dichloroethane	NELAP	2.0		ND	µg/L	1	05/11/2021 22:40	176840
1,1-Dichloroethene	NELAP	2.0		ND	µg/L	1	05/11/2021 22:40	176840
1,2-Dichlorobenzene	NELAP	2.0		ND	µg/L	1	05/11/2021 22:40	176840
1,2-Dichloroethane	NELAP	2.0		ND	µg/L	1	05/11/2021 22:40	176840
1,2-Dichloropropane	NELAP	2.0		ND	µg/L	1	05/11/2021 22:40	176840
1,3-Dichlorobenzene	NELAP	2.0		ND	µg/L	1	05/11/2021 22:40	176840
1,4-Dichlorobenzene	NELAP	2.0		ND	µg/L	1	05/11/2021 22:40	176840
2-Chloroethyl vinyl ether	NELAP	5.0		ND	µg/L	1	05/11/2021 22:40	176840
Acrolein	NELAP	20.0		ND	µg/L	1	05/11/2021 22:40	176840
Acrylonitrile	NELAP	5.0		ND	µg/L	1	05/11/2021 22:40	176840
Benzene	NELAP	0.5		ND	µg/L	1	05/11/2021 22:40	176840
Bromodichloromethane	NELAP	2.0		ND	µg/L	1	05/11/2021 22:40	176840
Bromoform	NELAP	2.0		ND	µg/L	1	05/11/2021 22:40	176840
Bromomethane	NELAP	5.0		ND	µg/L	1	05/11/2021 22:40	176840
Carbon tetrachloride	NELAP	2.0		ND	µg/L	1	05/11/2021 22:40	176840
Chlorobenzene	NELAP	2.0		ND	µg/L	1	05/11/2021 22:40	176840
Chloroethane	NELAP	2.0		ND	µg/L	1	05/11/2021 22:40	176840
Chloroform	NELAP	2.0		ND	µg/L	1	05/11/2021 22:40	176840
Chloromethane	NELAP	5.0		ND	µg/L	1	05/11/2021 22:40	176840
Dibromochloromethane	NELAP	2.0		ND	µg/L	1	05/11/2021 22:40	176840
Ethylbenzene	NELAP	2.0		ND	µg/L	1	05/11/2021 22:40	176840

Laboratory Results

<http://www.teklabinc.com/>

Client: City of Robinson WWTF

Work Order: 21050564

Client Project: Semi-Annual Priority Pollutant Parameters

Report Date: 21-May-21

Lab ID: 21050564-001

Client Sample ID: Influent Composite

Matrix: WASTE WATER

Collection Date: 05/10/2021 10:35

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
EPA 600 624.1 (MODIFIED), VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Methylene chloride	NELAP	2.0		ND	µg/L	1	05/11/2021 22:40	176840
Tetrachloroethene	NELAP	0.5		ND	µg/L	1	05/11/2021 22:40	176840
Toluene	NELAP	2.0		ND	µg/L	1	05/11/2021 22:40	176840
trans-1,2-Dichloroethene	NELAP	2.0		ND	µg/L	1	05/11/2021 22:40	176840
Trichloroethene	NELAP	2.0		ND	µg/L	1	05/11/2021 22:40	176840
Vinyl chloride	NELAP	2.0		ND	µg/L	1	05/11/2021 22:40	176840
1,3-Dichloropropene, Total	*	4.0		ND	µg/L	1	05/11/2021 22:40	176840
Surr: 1,2-Dichloroethane-d4	*	80-120		98.8	%REC	1	05/11/2021 22:40	176840
Surr: 4-Bromofluorobenzene	*	80-120		96.0	%REC	1	05/11/2021 22:40	176840
Surr: Dibromofluoromethane	*	80-120		100.8	%REC	1	05/11/2021 22:40	176840
Surr: Toluene-d8	*	80-120		93.9	%REC	1	05/11/2021 22:40	176840

QCS and QCSD recovered outside upper control limits for bromomethane and acrolein. Sample results are below the reporting limit. Data is reportable per the TNI Standard.

Laboratory Results

<http://www.teklabinc.com/>

Client: City of Robinson WWTF

Work Order: 21050564

Client Project: Semi-Annual Priority Pollutant Parameters

Report Date: 21-May-21

Lab ID: 21050564-002

Client Sample ID: Influent Grab

Matrix: WASTE WATER

Collection Date: 05/10/2021 8:35

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
EPA 1664A								
Hexane Extractable Material	NELAP	5		14	mg/L	1	05/12/2021 10:50	R290922
EPA 335.4 R1.0 (TOTAL)								
Cyanide	NELAP	0.005		< 0.005	mg/L	1	05/14/2021 16:44	176916
<i>Sample was checked for Chlorine and Sulfide interferences in the lab and was negative for both.</i>								
EPA 600 420.4 R1.0 (TOTAL)								
Phenols	NELAP	0.100		< 0.100	mg/L	20	05/14/2021 12:40	R291104
<i>Elevated reporting limit due to matrix interference.</i>								
EPA OIA-1677 AVAILABLE CYANIDE								
Available Cyanide	NELAP	0.005		< 0.005	mg/L	1	05/13/2021 15:19	R291087
STANDARD METHODS 3500-CR B 2009, 2011								
Chromium, Hexavalent	NELAP	0.0020	S	< 0.0020	mg/L	2	05/10/2021 19:43	R290850
<i>Matrix spike did not recover within control limits due to matrix interference.</i>								
<i>Elevated reporting limit due to matrix interference.</i>								

Client: City of Robinson WWTF

Work Order: 21050564

Client Project: Semi-Annual Priority Pollutant Parameters

Report Date: 21-May-21

Lab ID: 21050564-003

Client Sample ID: Effluent Composite

Matrix: WASTE WATER

Collection Date: 05/10/2021 10:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
STANDARD METHODS 4500-F C (TOTAL) 1997, 2011								
Fluoride	NELAP	0.10		0.51	mg/L	1	05/13/2021 16:08	R291095
EPA 600 4.1.1, 200.7R4.4, METALS BY ICP (DISSOLVED)								
Iron	NELAP	0.0400		< 0.0400	mg/L	1	05/18/2021 15:33	176920
EPA 600 4.1.4, 200.7R4.4, METALS BY ICP (TOTAL)								
Antimony	NELAP	0.0500		< 0.0500	mg/L	1	05/17/2021 14:28	176936
Arsenic	NELAP	0.0250		< 0.0250	mg/L	1	05/17/2021 14:28	176936
Barium	NELAP	0.0025		0.0188	mg/L	1	05/17/2021 14:28	176936
Beryllium	NELAP	0.0005		< 0.0005	mg/L	1	05/17/2021 14:28	176936
Cadmium	NELAP	0.0010		< 0.0010	mg/L	1	05/17/2021 14:28	176936
Chromium	NELAP	0.0050		< 0.0050	mg/L	1	05/17/2021 14:28	176936
Copper	NELAP	0.0050		< 0.0050	mg/L	1	05/17/2021 14:28	176936
Iron	NELAP	0.0400		< 0.0400	mg/L	1	05/17/2021 14:28	176936
Lead	NELAP	0.0150		< 0.0150	mg/L	1	05/17/2021 14:28	176936
Manganese	NELAP	0.0070		0.0132	mg/L	1	05/17/2021 14:28	176936
Nickel	NELAP	0.0050		< 0.0050	mg/L	1	05/17/2021 14:28	176936
Silver	NELAP	0.0030		< 0.0030	mg/L	1	05/17/2021 14:28	176936
Thallium	NELAP	0.0500		< 0.0500	mg/L	1	05/17/2021 14:28	176936
Zinc	NELAP	0.0100		0.0313	mg/L	1	05/17/2021 14:28	176936
Contamination present in the CCB for Be. Sample results below the reporting limit are reportable per the TNI Standard.								
EPA 600 4.1.4, 200.8 R5.4, METALS BY ICPMS (TOTAL)								
Selenium	NELAP	0.0010		< 0.0010	mg/L	5	05/19/2021 15:57	176937
EPA 600 608.3, CHLORINATED PESTICIDES & PCBS BY GC/ECD								
4,4'-DDD	NELAP	0.026		ND	µg/L	1	05/13/2021 20:55	176852
4,4'-DDE	NELAP	0.009		ND	µg/L	1	05/13/2021 20:55	176852
4,4'-DDT	NELAP	0.028		ND	µg/L	1	05/13/2021 20:55	176852
Aldrin	NELAP	0.009		ND	µg/L	1	05/13/2021 20:55	176852
alpha-BHC	NELAP	0.007		ND	µg/L	1	05/13/2021 20:55	176852
Aroclor 1016	NELAP	0.075		ND	µg/L	1	05/14/2021 2:35	176852
Aroclor 1221	NELAP	0.075		ND	µg/L	1	05/14/2021 2:35	176852
Aroclor 1232	NELAP	0.075		ND	µg/L	1	05/14/2021 2:35	176852
Aroclor 1242	NELAP	0.075		ND	µg/L	1	05/14/2021 2:35	176852
Aroclor 1248	NELAP	0.075		ND	µg/L	1	05/14/2021 2:35	176852
Aroclor 1254	NELAP	0.075		ND	µg/L	1	05/14/2021 2:35	176852
Aroclor 1260	NELAP	0.075		ND	µg/L	1	05/14/2021 2:35	176852
beta-BHC	NELAP	0.014		ND	µg/L	1	05/13/2021 20:55	176852
delta-BHC	NELAP	0.021		ND	µg/L	1	05/13/2021 20:55	176852
Dieldrin	NELAP	0.005		0.007	µg/L	1	05/17/2021 12:39	176852
Endosulfan I	NELAP	0.033		ND	µg/L	1	05/13/2021 20:55	176852
Endosulfan II	NELAP	0.009		ND	µg/L	1	05/13/2021 20:55	176852
Endosulfan sulfate	NELAP	0.156		ND	µg/L	1	05/13/2021 20:55	176852
Endrin	NELAP	0.014		ND	µg/L	1	05/13/2021 20:55	176852
Endrin aldehyde	NELAP	0.055		ND	µg/L	1	05/13/2021 20:55	176852
gamma-BHC (Lindane)	NELAP	0.009		ND	µg/L	1	05/13/2021 20:55	176852
Heptachlor	NELAP	0.007		ND	µg/L	1	05/13/2021 20:55	176852
Heptachlor epoxide	NELAP	0.196		ND	µg/L	1	05/13/2021 20:55	176852
Toxaphene	NELAP	0.567		ND	µg/L	1	05/13/2021 20:55	176852
Chlordane	NELAP	0.066		ND	µg/L	1	05/13/2021 20:55	176852

Laboratory Results

<http://www.teklabinc.com/>

Client: City of Robinson WWTF

Work Order: 21050564

Client Project: Semi-Annual Priority Pollutant Parameters

Report Date: 21-May-21

Lab ID: 21050564-003

Client Sample ID: Effluent Composite

Matrix: WASTE WATER

Collection Date: 05/10/2021 10:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
EPA 600 608.3, CHLORINATED PESTICIDES & PCBs BY GC/ECD								
Surr: Decachlorobiphenyl	*	5.54-150		63.6	%REC	1	05/13/2021 20:55	176852
Surr: Decachlorobiphenyl	*	5.54-150		49.4	%REC	1	05/14/2021 2:35	176852
Surr: Tetrachloro-m-xylene	*	13-129		79.2	%REC	1	05/14/2021 2:35	176852
Surr: Tetrachloro-m-xylene	*	13-129		104.1	%REC	1	05/13/2021 20:55	176852
Dieldrin exhibited a greater than 40% RPD between columns due to matrix interference. The lower result is reported.								
EPA 600 625.1 (MODIFIED), SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
1,2,4-Trichlorobenzene	NELAP	0.028		ND	mg/L	5	05/14/2021 21:37	176928
2,4,6-Trichlorophenol	NELAP	0.041		ND	mg/L	5	05/14/2021 21:37	176928
2,4-Dichlorophenol	NELAP	0.041		ND	mg/L	5	05/14/2021 21:37	176928
2,4-Dimethylphenol	NELAP	0.041		ND	mg/L	5	05/14/2021 21:37	176928
2,4-Dinitrophenol	NELAP	0.630		ND	mg/L	5	05/14/2021 21:37	176928
2,4-Dinitrotoluene	NELAP	0.086		ND	mg/L	5	05/14/2021 21:37	176928
2,6-Dinitrotoluene	NELAP	0.028		ND	mg/L	5	05/14/2021 21:37	176928
2-Chloronaphthalene	NELAP	0.028		ND	mg/L	5	05/14/2021 21:37	176928
2-Chlorophenol	NELAP	0.050		ND	mg/L	5	05/14/2021 21:37	176928
2-Nitrophenol	NELAP	0.054		ND	mg/L	5	05/14/2021 21:37	176928
3,3'-Dichlorobenzidine	NELAP	0.248		ND	mg/L	5	05/14/2021 21:37	176928
4,6-Dinitro-2-methylphenol	NELAP	0.360		ND	mg/L	5	05/14/2021 21:37	176928
4-Bromophenyl phenyl ether	NELAP	0.028		ND	mg/L	5	05/14/2021 21:37	176928
4-Chloro-3-methylphenol	NELAP	0.045		ND	mg/L	5	05/14/2021 21:37	176928
4-Chlorophenyl phenyl ether	NELAP	0.063		ND	mg/L	5	05/14/2021 21:37	176928
4-Nitrophenol	NELAP	0.036		ND	mg/L	5	05/14/2021 21:37	176928
Acenaphthene	NELAP	0.028		ND	mg/L	5	05/14/2021 21:37	176928
Acenaphthylene	NELAP	0.052		ND	mg/L	5	05/14/2021 21:37	176928
Anthracene	NELAP	0.028		ND	mg/L	5	05/14/2021 21:37	176928
Benzidine	NELAP	0.200		ND	mg/L	5	05/14/2021 21:37	176928
Benzo(a)anthracene	NELAP	0.117		ND	mg/L	5	05/14/2021 21:37	176928
Benzo(a)pyrene	NELAP	0.038		ND	mg/L	5	05/14/2021 21:37	176928
Benzo(b)fluoranthene	NELAP	0.072		ND	mg/L	5	05/14/2021 21:37	176928
Benzo(g,h,i)perylene	NELAP	0.062		ND	mg/L	5	05/14/2021 21:37	176928
Benzo(k)fluoranthene	NELAP	0.038		ND	mg/L	5	05/14/2021 21:37	176928
Bis(2-chloroethoxy)methane	NELAP	0.080		ND	mg/L	5	05/14/2021 21:37	176928
Bis(2-chloroethyl)ether	NELAP	0.086		ND	mg/L	5	05/14/2021 21:37	176928
Bis(2-chloroisopropyl)ether	NELAP	0.086		ND	mg/L	5	05/14/2021 21:37	176928
Bis(2-ethylhexyl)phthalate	NELAP	0.038		ND	mg/L	5	05/14/2021 21:37	176928
Butyl benzyl phthalate	NELAP	0.038		ND	mg/L	5	05/14/2021 21:37	176928
Chrysene	NELAP	0.038		ND	mg/L	5	05/14/2021 21:37	176928
Dibenzo(a,h)anthracene	NELAP	0.038		ND	mg/L	5	05/14/2021 21:37	176928
Diethyl phthalate	NELAP	0.028		ND	mg/L	5	05/14/2021 21:37	176928
Dimethyl phthalate	NELAP	0.024		ND	mg/L	5	05/14/2021 21:37	176928
Di-n-butyl phthalate	NELAP	0.038		ND	mg/L	5	05/14/2021 21:37	176928
Di-n-octyl phthalate	NELAP	0.038		ND	mg/L	5	05/14/2021 21:37	176928
Fluoranthene	NELAP	0.033		ND	mg/L	5	05/14/2021 21:37	176928
Fluorene	NELAP	0.028		ND	mg/L	5	05/14/2021 21:37	176928
Hexachlorobenzene	NELAP	0.028		ND	mg/L	5	05/14/2021 21:37	176928
Hexachlorobutadiene	NELAP	0.014		ND	mg/L	5	05/14/2021 21:37	176928
Hexachlorocyclopentadiene	NELAP	0.100		ND	mg/L	5	05/14/2021 21:37	176928

Laboratory Results

<http://www.teklabinc.com/>

Client: City of Robinson WWTF

Work Order: 21050564

Client Project: Semi-Annual Priority Pollutant Parameters

Report Date: 21-May-21

Lab ID: 21050564-003

Client Sample ID: Effluent Composite

Matrix: WASTE WATER

Collection Date: 05/10/2021 10:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
EPA 600 625.1 (MODIFIED), SEMI-VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Hexachloroethane	NELAP	0.024		ND	mg/L	5	05/14/2021 21:37	176928
Indeno(1,2,3-cd)pyrene	NELAP	0.056		ND	mg/L	5	05/14/2021 21:37	176928
Isophorone	NELAP	0.033		ND	mg/L	5	05/14/2021 21:37	176928
Naphthalene	NELAP	0.024		ND	mg/L	5	05/14/2021 21:37	176928
Nitrobenzene	NELAP	0.028		ND	mg/L	5	05/14/2021 21:37	176928
N-Nitrosodimethylamine	NELAP	0.100		ND	mg/L	5	05/14/2021 21:37	176928
N-Nitroso-di-n-propylamine	NELAP	0.050		ND	mg/L	5	05/14/2021 21:37	176928
N-Nitrosodiphenylamine	NELAP	0.050		ND	mg/L	5	05/14/2021 21:37	176928
Pentachlorophenol	NELAP	0.054		ND	mg/L	5	05/14/2021 21:37	176928
Phenanthrene	NELAP	0.081		ND	mg/L	5	05/14/2021 21:37	176928
Phenol	NELAP	0.022		ND	mg/L	5	05/14/2021 21:37	176928
Pyrene	NELAP	0.028		ND	mg/L	5	05/14/2021 21:37	176928
1,2-Diphenylhydrazine	*	0.050		ND	mg/L	5	05/14/2021 21:37	176928
Surr: 2,4,6-Tribromophenol	*	28.4-122		106.2	%REC	5	05/14/2021 21:37	176928
Surr: 2-Fluorobiphenyl	*	36.3-102		86.8	%REC	5	05/14/2021 21:37	176928
Surr: 2-Fluorophenol	*	12.3-72.5		56.9	%REC	5	05/14/2021 21:37	176928
Surr: Nitrobenzene-d5	*	15-314		75.4	%REC	5	05/14/2021 21:37	176928
Surr: Phenol-d5	*	8-424		41.6	%REC	5	05/14/2021 21:37	176928
Surr: p-Terphenyl-d14	*	10-112		71.0	%REC	5	05/14/2021 21:37	176928
Elevated reporting limit due to sample extract composition.								
EPA 600 624.1 (MODIFIED), VOLATILE ORGANIC COMPOUNDS BY GC/MS								
1,1,1-Trichloroethane	NELAP	2.0		ND	µg/L	1	05/11/2021 23:07	176840
1,1,2,2-Tetrachloroethane	NELAP	2.0		ND	µg/L	1	05/11/2021 23:07	176840
1,1,2-Trichloroethane	NELAP	0.5		ND	µg/L	1	05/11/2021 23:07	176840
1,1-Dichloroethane	NELAP	2.0		ND	µg/L	1	05/11/2021 23:07	176840
1,1-Dichloroethene	NELAP	2.0		ND	µg/L	1	05/11/2021 23:07	176840
1,2-Dichlorobenzene	NELAP	2.0		ND	µg/L	1	05/11/2021 23:07	176840
1,2-Dichloroethane	NELAP	2.0		ND	µg/L	1	05/11/2021 23:07	176840
1,2-Dichloropropane	NELAP	2.0		ND	µg/L	1	05/11/2021 23:07	176840
1,3-Dichlorobenzene	NELAP	2.0		ND	µg/L	1	05/11/2021 23:07	176840
1,4-Dichlorobenzene	NELAP	2.0		ND	µg/L	1	05/11/2021 23:07	176840
2-Chloroethyl vinyl ether	NELAP	5.0		ND	µg/L	1	05/11/2021 23:07	176840
Acrolein	NELAP	20.0		ND	µg/L	1	05/11/2021 23:07	176840
Acrylonitrile	NELAP	5.0		ND	µg/L	1	05/11/2021 23:07	176840
Benzene	NELAP	0.5		ND	µg/L	1	05/11/2021 23:07	176840
Bromodichloromethane	NELAP	2.0		ND	µg/L	1	05/11/2021 23:07	176840
Bromoform	NELAP	2.0		ND	µg/L	1	05/11/2021 23:07	176840
Bromomethane	NELAP	5.0		ND	µg/L	1	05/11/2021 23:07	176840
Carbon tetrachloride	NELAP	2.0		ND	µg/L	1	05/11/2021 23:07	176840
Chlorobenzene	NELAP	2.0		ND	µg/L	1	05/11/2021 23:07	176840
Chloroethane	NELAP	2.0		ND	µg/L	1	05/11/2021 23:07	176840
Chloroform	NELAP	2.0		ND	µg/L	1	05/11/2021 23:07	176840
Chloromethane	NELAP	5.0		ND	µg/L	1	05/11/2021 23:07	176840
Dibromochloromethane	NELAP	2.0		ND	µg/L	1	05/11/2021 23:07	176840
Ethylbenzene	NELAP	2.0		ND	µg/L	1	05/11/2021 23:07	176840
Methylene chloride	NELAP	2.0		ND	µg/L	1	05/11/2021 23:07	176840
Tetrachloroethene	NELAP	0.5		ND	µg/L	1	05/11/2021 23:07	176840



Laboratory Results

<http://www.teklabinc.com/>

Client: City of Robinson WWTF

Work Order: 21050564

Client Project: Semi-Annual Priority Pollutant Parameters

Report Date: 21-May-21

Lab ID: 21050564-003

Client Sample ID: Effluent Composite

Matrix: WASTE WATER

Collection Date: 05/10/2021 10:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
EPA 600 624.1 (MODIFIED), VOLATILE ORGANIC COMPOUNDS BY GC/MS								
Toluene	NELAP	2.0		ND	µg/L	1	05/11/2021 23:07	176840
trans-1,2-Dichloroethene	NELAP	2.0		ND	µg/L	1	05/11/2021 23:07	176840
Trichloroethene	NELAP	2.0		ND	µg/L	1	05/11/2021 23:07	176840
Vinyl chloride	NELAP	2.0		ND	µg/L	1	05/11/2021 23:07	176840
1,3-Dichloropropene, Total	*	4.0		ND	µg/L	1	05/11/2021 23:07	176840
Surr: 1,2-Dichloroethane-d4	*	80-120		100.7	%REC	1	05/11/2021 23:07	176840
Surr: 4-Bromofluorobenzene	*	80-120		98.2	%REC	1	05/11/2021 23:07	176840
Surr: Dibromofluoromethane	*	80-120		101.8	%REC	1	05/11/2021 23:07	176840
Surr: Toluene-d8	*	80-120		90.4	%REC	1	05/11/2021 23:07	176840

QCS and QCSD recovered outside upper control limits for bromomethane and acrolein. Sample results are below the reporting limit. Data is reportable per the TNI Standard.

Laboratory Results

<http://www.teklabinc.com/>

Client: City of Robinson WWTF

Work Order: 21050564

Client Project: Semi-Annual Priority Pollutant Parameters

Report Date: 21-May-21

Lab ID: 21050564-004

Client Sample ID: Effluent Grab

Matrix: WASTE WATER

Collection Date: 05/10/2021 8:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
EPA 1664A								
Hexane Extractable Material	NELAP	5		< 5	mg/L	1	05/12/2021 10:51	R290922
EPA 335.4 R1.0 (TOTAL)								
Cyanide	NELAP	0.005		< 0.005	mg/L	1	05/14/2021 16:48	176916
Sample was checked for Chlorine and Sulfide interferences in the lab and was negative for both.								
EPA 600 420.4 R1.0 (TOTAL)								
Phenols	NELAP	0.025	S	< 0.025	mg/L	5	05/14/2021 12:05	R291104
Matrix spike did not recover within control limits due to matrix interference. Elevated reporting limit due to matrix interference.								
EPA OIA-1677 AVAILABLE CYANIDE								
Available Cyanide	NELAP	0.005		< 0.005	mg/L	1	05/13/2021 15:25	R291087
STANDARD METHODS 3500-CR B 2009, 2011								
Chromium, Hexavalent	NELAP	0.0010		0.0043	mg/L	1	05/10/2021 19:48	R290850
MERCURY BY EPA METHOD 1631E (TOTAL)								
Mercury	NELAP	0.80		< 0.80	ng/L	1	05/12/2021 10:53	176803



Laboratory Results

<http://www.teklabinc.com/>

Client: City of Robinson WWTF

Work Order: 21050564

Client Project: Semi-Annual Priority Pollutant Parameters

Report Date: 21-May-21

Lab ID: 21050564-005

Client Sample ID: Effluent Field Blank

Matrix: AQUEOUS

Collection Date: 05/10/2021 10:30

Analyses	Certification	RL	Qual	Result	Units	DF	Date Analyzed	Batch
MERCURY BY EPA METHOD 1631E (TOTAL)								
Mercury	NELAP	0.80		< 0.80	ng/L	1	05/12/2021 11:36	176803

Receiving Check List

<http://www.teklabinc.com/>

Client: City of Robinson WWTF

Work Order: 21050564

Client Project: Semi-Annual Priority Pollutant Parameters

Report Date: 21-May-21

Carrier: Kelly Klostermann

Received By: SAH

Completed by: *Shelly A Hennessy*
On:
 10-May-21
 Shelly A. Hennessy

Reviewed by: *Elizabeth A. Hurley*
On:
 10-May-21
 Elizabeth A. Hurley

Pages to follow:

Chain of custody

1

Extra pages included

0

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>	Temp °C 7.4
Type of thermal preservation?	None <input type="checkbox"/>	Ice <input checked="" type="checkbox"/>	Blue Ice <input type="checkbox"/>	Dry Ice <input type="checkbox"/>
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Reported field parameters measured:	Field <input type="checkbox"/>	Lab <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	
Container/Temp Blank temperature in compliance?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
<i>When thermal preservation is required, samples are compliant with a temperature between 0.1°C - 6.0°C, or when samples are received on ice the same day as collected.</i>				
Water – at least one vial per sample has zero headspace?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	No VOA vials <input checked="" type="checkbox"/>	
Water - TOX containers have zero headspace?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	No TOX containers <input checked="" type="checkbox"/>	
Water - pH acceptable upon receipt?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	NA <input type="checkbox"/>	
NPDES/CWA TCN interferences checked/treated in the field?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	NA <input type="checkbox"/>	

Any No responses must be detailed below or on the COC.

pH strip #75145/75146. - SHennessy - 5/10/2021 3:26:20 PM

Influent and Effluent composite samples were filtered and preserved with nitric acid (76465) for the dissolved parameters upon arrival at the laboratory. - SHennessy - 5/10/2021 3:26:30 PM

Samples were preserved with bromine chloride (76381) for low level mercury analysis upon arrival at the laboratory.

The samples were checked for chlorine upon arrival at the laboratory. Chlorine was not present; 624.1 analysis will be performed from the unpreserved vial(s). - SAH/ehurley - 5/10/2021 4:10:58 PM

CHAIN OF CUSTODY

pg. _____ of _____ Work order # 21050564

TEKLAB, INC. 5445 Horseshoe Lake Road - Collinsville, IL 62234 - Phone: (618) 344-1004 - Fax: (618) 344-1005

Client: City of Robinson WWTF Address: P.O. Box 188 City / State / Zip Robinson, IL 62454 Contact: Lawrence Quick Phone: (618) 544-8110 E-Mail: potw@frontier.com Fax: _____		Samples on: <input checked="" type="checkbox"/> ICE <input type="checkbox"/> BLUE ICE <input type="checkbox"/> NO ICE <u>7.4</u> °C LTG# <u>5</u> Preserved in: <input type="checkbox"/> LAB <input checked="" type="checkbox"/> FIELD FOR LAB USE ONLY Lab Notes: <u>QHS QCl2 76145 76146 NaOH added to INF 871 5/10/21</u>																						
<p>Are these samples known to be involved in litigation? If yes, a surcharge will apply <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Are these samples known to be hazardous? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Are there any required reporting limits to be met on the requested analysis?. If yes, please provide limits in the comment section. <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>																								
Project Name/Number		Sample Collector's Name																						
Semi-Annual Priority Pollutant Parameters		<i>Dylan Dart</i>																						
Results Requested		Billing Instructions		# and Type of Containers		UNP	HNO3	NaOH	H2SO4	Na2S2O3			BNA	Cyanide (Ti(Avail))	Dissolved Fe	Fluoride	Hexavalent Cr	Mercury	Mercury 1631	Metals	Oil and Grease	Pest PCB	Phenols	VOC
Lab Use Only	Sample Identification	Date/Time Sampled																						
<u>21050564-001</u>	Influent Composite	<u>5-10-21 8:30-10:30A</u>		9	1					5			X		X	X	X	X	X	X				
<u>002</u>	Influent Grab	<u>5-10-21 8:30A</u>		1	1	2							X		X		X		X	X				
<u>003</u>	Effluent Composite	<u>5-10-21 8:30A-10:30A</u>		9	1					5			X		X	X			X	X	X			
<u>004</u>	Effluent Grab	<u>5-10-21 8:30A</u>		2	1	2							X		X		X	X	X	X				
<u>005</u>	Effluent Field Blank	<u>5-10-21 10:30A</u>		1									X					X						
Relinquished By		Date/Time		Received By		Date/Time																		
<i>D. D.</i> <i>Kelly Klostermann</i>		<u>5-10-21</u> <u>5/10/21 1448</u>		<i>Kelly Klostermann</i> <i>Shelly Hennessy</i>		<u>5/10/21 1200</u> <u>5/10/21 1448</u>																		

The individual signing this agreement on behalf of the client, acknowledges that he/she has read and understands the terms and conditions of this agreement, and that he/she has the authority to sign on behalf of the client. See www.teklabinc.com for terms and conditions.

BottleOrder: 64853

